

**Duke University
Institutional Review Board for the Protection of Human Subjects
in Non-Medical Research**

FWA No. 00000265

Notice of Approval of Protocol Renewal

Investigator(s): Marie-Lynn Miranda
Advisor:
Protocol Title: Mapping Disparities in Birth Outcomes
Protocol Number: 1081 (Previous Number)
Amendment Number: 1
Amendment Approval Date: Wednesday, August 09, 2006
Approval Date: Friday, November 18, 2005
Expiration Date: Saturday, November 18, 2006

Please note: Approval is contingent upon maintaining certification to conduct research with human subjects.

In conducting research under this protocol, the researcher agrees:

-- to seek written approval from the IRB before any changes are made to the protocol, including, but not limited to amendments to procedures, recruitment strategies, subject population, instruments, and the informed consent process. The form, Request to Amend an Approved Protocol, is available at <http://www.ors.duke.edu/irb/irbform.htm>

-- to report immediately to the IRB Administrator any problems, including unanticipated risks to the subjects

-- to retain signed consent forms and other research records in accordance with Duke's Data Retention Policy (5 years) <http://www.ors.duke.edu/policies/datarete.htm>

-- to notify the Office for Protection of Human Subjects at ors-info@duke.edu when the research is completed

Renewing the Protocol

Unless otherwise informed by the IRB, the renewal process must be completed within twelve months. A schedule of IRB meetings is available at <http://www.ors.duke.edu/irb/dates>.

Reminder notices will be provided as the end of the approval period approaches. If a renewal deadline is missed, there's no approval in place until the renewal request has been acted upon. Without an approval in place, all activities associated with the research must be suspended.

The form, Request to Renew an Approved Protocol, is available at <http://www.ors.duke.edu/irb/irbform.htm>

Request for Protocol Approval for Secondary Analysis of Existing Data

Existing Data is in existence at the time the research is proposed. The data may be in the form of data sets, but may also be in the form of interview notes or audio- or video tapes.

This form is to be used when existing data about human subjects, **with identifiers**, will be received by an investigator for secondary analysis. It should be used for all types of review. After reading the guidelines for submitting a protocol for secondary analysis of existing data, consulting with the IRB staff if necessary, please check the type of review you are requesting.

Screening for Exemption: ☐ Expedited Review: ☒ Full Review: ☐

There are three parts to this request:

- A. Investigator and Project Information
- B. Investigator, Advisor, and Department/School Assurances
- C. Project Description

A. Investigator and Project Information

Investigator: Dr. Marie Lynn Miranda

Status: ☒ Faculty ☐ Graduate Student ☐ Undergraduate ☐ Other: _____

Department/School: Nicholas School of the Environment and Earth Sciences

e-mail: mmiranda@duke.edu Phone: 919.613.8023 Campus PO Box No. 90328

Faculty Advisor for Graduate and Undergraduate Students:

e-mail: mmiranda@duke.edu Phone: 613-8023 Campus PO Box No. 90328

Project Title: **Mapping Disparities in Birth Outcomes**

Source of Funding: The National Institutes of Health Roadmap Initiative

(If externally funded, submit a copy of the application or the award, including the current renewal if applicable.)

Proposal/Grant No. for Federally funded research: 1-P20-RR020782-01

B. Assurances
(Original signatures are required for final approval.)

Investigator(s) Assurance:

I certify to the following:

1. The research will not be initiated until written approval is secured from the IRB.
(Note: Approval will not be provided unless the investigator(s) certification to conduct research with human subjects is current, and if the investigator is a student, the advisor's certification is also current.)
2. I will conduct this study as described in the approved protocol. If any changes are anticipated, I will contact the IRB staff prior to implementing the changes. I will contact the IRB staff immediately if any of the following events occur: unanticipated risks, findings during the study that would affect the risks or benefits, and adverse events.

Investigator

Date

Investigator

Date

Faculty Advisor Assurance (Required for Graduate or Undergraduate Student Research):

I certify that I have reviewed and approved the student(s) research plan. I assume responsibility for 1) ensuring that the student(s) conducting research are aware of their [responsibilities as researchers](#), and 2) that the IRB will be immediately informed in the event of unanticipated risk, adverse events or findings during the study that would affect the risks or benefits of participation.

Advisor

Date

Advisor

Date

Approval of the Department Chair or School Dean:

Chair or Dean

Date _____

=====

APPROVAL: _____ Date _____
Human Subjects Administrator or IRB Member

Part C: Project Description

Please prepare a narrative that addresses the following topics.

1. The purpose of the research
2. A description of the data
3. The source of the data
4. Requirements of the data supplier, if any
5. A description of confidentiality procedures. If the access to the data is governed by a data use agreement, provide the most recent, signed, copy of the agreement.

If informed consent must be secured, for example for the use of video tapes, identify the subject populations, describe the consent process, and attach the proposed Informed Consent form.

Purpose of Research

The purpose of this research is to examine a wide range of maternal and child outcomes associated with pregnancy in North Carolina during the period from 1999 to 2003. These outcomes include maternal weight gain and maternal and child outcomes, fetal growth restriction, race-based differences in birth outcomes, and geographic patterns in birth outcomes. The initial use of the data will involve exploratory analysis related to the work of the Duke Center for Geospatial Medicine (CGM). This initial use is expected to lead to more advanced CGM research, with broad theoretical and applied applications. Detailed information on the Center for Geospatial Medicine's research agenda is available at the CGM website, (see <http://www.nicholas.duke.edu/cgm/>).

Data Description

These data are referred to as North Carolina Detailed Birth Records 1999 – 2003 and contain detailed birth data information for all births in North Carolina from 1999 to 2003. The data are in the form of five SAS format text files, one for each year of data. Rather than attempt to summarize these data, please see the attached full description of all data attributes (see attached document, 1999 Detail Birth File Description). These data attributes are identical for all five datasets.

Data Source

Data have been provided by the North Carolina State Center for Health Statistics (NCSCHS). The NCSCHS web site (<http://www.schs.state.nc.us/SCHS/index.html>) provides detailed information on the Center.

Requirements of Data Supplier

The data supplier has stipulated the following requirements (taken directly from the data sharing agreement):

1. Measures will be taken to ensure the security of the data, including but not limited, to password protection for all computer storing birth data
2. The data set will only be disclosed to the contractor performing the data analysis. Under no circumstances will additional copies of the data set containing identifiable health information be disclosed to anyone other than the undersigned without prior approval by the Director of the State Center for Health Statistics of the State Health Director
3. By signing this agreement, the undersigned agrees to supply SCHS with a copy of any reports/analyses published or released using this data
4. The contractor agrees to return or destroy the tape/CD containing the birth data file after the study is completed, or no later than by a mutually agreed designated time, whichever comes first.

Confidentiality Procedures

Data will be managed by staff who work for Professor Marie Lynn Miranda within the Children's Environmental Health Initiative (CEHI). CEHI has extensive experience in managing and securing confidential data. For more information on CEHI, see the Initiative's website at <http://www.nicholas.duke.edu/cehi/>. Dr. Miranda is the Director of CEHI, as well as the PI on the CGM grant. The staff that will work with the birth certificate data are: Chris Mankoff, Associate in Research; M. Alicia Overstreet, Data Manager; Sharon Edwards, Associate in Research; and Brack Hale, Post-Doctoral Associate. All of these individuals are certified through ORS to conduct research with human subjects.

All sensitive digital data at CEHI reside on a completely private, (i.e., with no access to the Internet), password-protected network to ensure that data are inaccessible to unauthorized users. The CEHI data server and all workstations connected to the server are kept in secure, locked locations. All sensitive hard copy data are kept in secure rooms and shredded at time of disposal.

In addition to the above procedures, CEHI conforms to all the standards and procedures outlined by the Health Insurance Portability and Accountability Act of 1996 (HIPAA). A signed copy of the data use agreement between the North Carolina State Center for Health Statistics and CEHI is attached to this document. This agreement explicitly outlines the data confidentiality procedures to be used with these data.

Environmental Review for Extramural Projects

I. General Description

Descriptive Title:
Southern Center on Environmentally-Driven Disparities in Birth Outcomes

Grant/Contract/Cooperative Agreement No.

X New Project Renewal

Geographic Location (City/County/State) Durham, NC

Duration: years X Grant Interagency Agreement Sole Source Contract

Contractor/Grantee Cooperative Agreement Competitive Contract

II. Description of Work

X Laboratory Study Library/Literature Search Bench Scale Operation Other (Specify)

Field Study Pilot Plant Construction/Operation Monitoring Study

III. Environmental Review

A. Attach documentation to support the finding in items 1-12 as appropriate.

YES	NO	
X		1. The project is conducted completely within a laboratory or other facility, and external environmental effects have been eliminated by methods for disposal of laboratory wastes and safeguards to prevent hazardous material entering the environment accidentally. (If the answer is "yes" you do not need to proceed further with the environmental review. If the answer is "no", proceed by completing item "2" below.)
	X	2. The project is a relatively small experiment or investigation that is part of a non-Federally funded activity of the private sector, and it makes no significant new or additional contribution to existing pollution.
	X	3. The project may significantly affect the pattern and type of land use (industrial, commercial, agricultural, recreational, residential) or growth and distribution of population.
	X	4. The project may have significant adverse effects on wetlands including indirect and cumulative effects, or any major part of a structure or facility constructed or operated under the proposed action may be located in wetlands.
	X	5. The project may significantly affect threatened and endangered species or their habitats identified in the Department of the Interior's list, in accordance with 40 CFR 6.302 or a State's List, or a structure or facility constructed or operated under the proposed action may be located in the habitat.
	X	6. The project may directly cause or induce changes that significantly: (a) displace populations; (b) alter the character of existing residential areas; (c) adversely affect a floodplain; or (d) adversely affect significant amounts of important farmlands as defined in EPA's Policy to Protect Environmentally Significant Agricultural Land.
	X	7. The proposed project may directly, indirectly, or cumulatively, have a significant adverse effect upon parklands, preserves, other public lands, or areas of recognized scenic, recreational, archeological, or historic value.
	X	8. The project may directly or through induced development have a significant adverse effect upon ambient air quality; local ambient noise levels; surface water or groundwater quality or quantity; water supply; fish; shellfish; wildlife; and their natural habitats.
	X	9. The project consists of field test involving the introduction of significant quantities of toxic or polluting agricultural chemicals, animal wastes, pesticides, radioactive materials, or other hazardous substances into the environment by ORD, its grantees, or its contractors.
	X	10. The action may involve the introduction of species or subspecies not indigenous to the area.
	X	11. There is a high probability of an action ultimately being implemented on a large scale and this implementation may result in significant environmental impacts.
	X	12. The project involves commitment to a new technology which is significant and may restrict future viable alternatives.

B. Attach a list and description of any alternatives and mitigation measures considered in the environmental review.

IV. Decision

X Completion and distribution of this form and supporting documentation constitutes a FNSI under 40 CFR 6.704(b)(2), if the environmental review resulted in a "yes" to either item 1 or 2 only; or the environmental review resulted in a "no" answer to items 3-12.
An EIS will be warranted if the environmental review resulted in a "yes" answer to items any of the items 3-12. If the agency decides to pursue this project, a notice of the agency's intent to prepare an EIS will be published in the Federal Register.

Project Officer

Date

Nigel Fields

Signed electronically via funding recommendation approvals.

Responsible Official

Rebecca M. Clark

Division Director

Date

Signed electronically via funding recommendation approvals.



ASSURANCES—NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET, SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

Note: Certain of these assurances may not be applicable to your project or program. If you have questions please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§ 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to non-discrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply with the provisions of the Hatch Act (5 U.S.C. §§ 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§ 276a to 276a7), the Copeland Act (40 U.S.C. § 276c and 18 U.S.C. §§ 874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-33.3), regarding labor standards for federally assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§ 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. § 7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended, (P.L. 93-523); and (h) protection of endangered species under the Endangered Species Act of 1973, as amended, (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§ 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§ 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act of 1984 or OMB Circular No. A-133, Audits of Institutions of Higher Learning and other Non-profit Institutions.
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL (b) (6)	TITLE Maria Scripa, CRA Assistant Director Office of Research Support Duke University
APPLICANT ORGANIZATION / Duke University Office of Research Support 334 North Building, Research Drive Durham, NC 27708	DATE SUBMITTED 8/8/06



EPA PROJECT CONTROL NUMBER

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

CERTIFICATION REGARDING LOBBYING
CERTIFICATION FOR CONTRACTS, GRANTS,
LOANS, AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award of documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Maria Scripa, CRA
Assistant Director
Office of Research Support
Duke University

TYPED NAME & TITLE OF AUTHORIZED REPRESENTATIVE

(b) (6)

SIGNATURE OF AUTHORIZED REPRESENTATIVE

8/8/06
DATE



EPA PROJECT CONTROL NUMBER

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of federal or State antitrust statutes or commission of embezzlement, theft, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and
- (d) Have not within a three year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

Maria Scripa, CRA
Assistant Director
Office of Research Support
Duke University

Typed Name & Title of Authorized Representative

Signature of Authorized Representative

(b) (6)

Date

8/8/06

☐ I am unable to certify to the above statements. My explanation is attached.

Document Readers



Commitment Notice

Title: Duke University

Document Status

Document Phase: Final

Last Modified: 05/17/2008

Current Editor: Bonita Ronshaugen

Previous Editor: Bonita Ronshaugen

Commitment Notice Information

Program Code: RD - Science to Achieve Results (STAR) Program

Grant Number: 83329301-0

Approved Ceiling: \$98,350

Commitment Amt: \$98,350

Commitment Type: Original Commitment

Agreement Type: Grant Agreement

Applicant Name: DUKE - Duke University

DUNS: 044387793

Employer EIN: 56-0532129

Awarding Region: EPA HQ

Responsibility Ctr: UJ

Allowance Holder: 26

Is Contract Negotiator Allowed to exceed amount shown above by up to 10% without securing further approval for.

Allowed to Exceed: No

Description Of Project, Goods, or Services

Description:

Task, Roap, or Other Local Identifier:

Identifier:

Special Comments and Instructions:

Comments:

Commitment Notice Document Attachments

Fiscal Information

VendorCode: 560532129AV

Service Finance AP33

Office:

Accounting Period: 072008

IFMS Status: ACCEPTED

Line	Site Name	Req No	Fiscal Yr	Approp Code	BO Code	PRC	Object Class	Amount	Site Project	Cost Org Code
001	-	0826UJRR08	0708	C	26UJ000	404FB2D	4141	98,350	-	-
								98,350		

Review

Read Access: Controlled

Readers: Nigel Fields

Susan Jackson

Bonita Ronshaugen

Submitted: 04/08/2008

Approvers: Daniel Heggem, Dorsey Worthy

Submitted: 04/08/2008

Due Date: 04/11/2008

Response	Approver	Date
Approve	Dorsey Worthy	04/08/2008

Approve Daniel Heggem

04/08/2008

Fund Certifying Official Signature

Fund Certifying EPA HQ

Official Region:

Fund Certifying Bonita Ronshaugen

Official:

Title: Program Analyst

Phone: 702-798-2557

Fund Certifying Official Signature: - Signed by Bonita Ronshaugen/LV/USEPA/US on 04/16/2008 02:04:44 PM, according to /USEPA/US

Project Officer

Approving Region: EPA HQ

Project Officer: Nigel Fields

PO Phone: 202-343-9767

Grant Specialist

Grant Specialist: LaShaun Phillips

Funding Recommendation

Origination Information

Notifications History

Substitute OMIS Information for Fellowships

Recipient and Project Information

Project Title: FDP – Southern Center on Environmentally-Driven Disparities In Birth Outcomes

Institution: Duke
EIN#: 560532129 -
Vehicle #: RD833293
Program Mgr./Fellow: Marie Miranda
State: NC
Cong District: 04

Grants

Program Information

Type: Assistance Agreement
Subtype:
Status:
National Lab: NCER
Division: ESRD
Project Officer: Nigel Field
Work (Internship)Site: Off Site
Approval Level: Division Director
PCMD/GAD Specialist: Joselynn Hawkins
Business Size: Other
Select Method: Competitive
Peer Review: Yes

Budget Information

Project Period: 6 Years
Budget Period: 6 Years
Start Date: 10/01/2006
Completion Date: 04/20/2012
Program Resource Code: 404FB2D
FON: RFA-ES05-004
LT Goal: HH4
Annual Funding Needs:

	<i>Annual Budget</i>	<i>DCN</i>	<i>Budget Year</i>	<i>DCN Amount</i>
1 st Year	\$3,094,908	26TJ0347	07/08	\$3,094,908
Supple	\$98,350	26UjRR08		\$ 98,350
3 rd Year	\$1,468,882	26TG0893		\$1,468,882
4 th Year	\$1,542,735	26T1X060		\$1,542,735
5 th Year	\$1,533,262			\$1,533,262

Total EPA Budget: \$7,738,137
Total Cost Sharing: \$ 98,350
Total Project Funding: \$7,738,137
Total EPA Funding for this Action: \$1,533,262



Document Review

IFMS Document: GO
RD83329301

09/18/09

Document Summary: General Ledger Entries

Doc Type: GO

Doc No: RD83329301

Vendor Code: 560532129AV

IGMS Grant No: 83329301-3

IGMS Budget Start Date: 05/01/2007

IGMS Budget End Date: 04/30/2012

IGMS Project Start Date: 05/01/2007

IGMS Project End Date: 04/30/2012

Order Date: 04/25/07

Effective Date: 05/01/07

Closed Date:

Servicing Finance Office: AP33

Order Amount: \$6,204,875.00

Paid Amount: \$3,305,245.81

Available Amount: \$2,899,629.19

Vendor: DUKE UNIVERSITY

Document Details: **Expand**

Line#	Line Amt	Paid Amt	Available Amt	BFY	Fund	Org	Program	Job	BOC	CostOrg	Comments
001	\$2,142,949.00	\$1,448,625.38	\$694,323.62	20072008	C	26T4000	404FB2D	n/a	4141		0726TJ0347
002	\$951,959.00	\$951,959.00	\$0.00	20062007	C	26T40NN	405FB2D	n/a	4141		0726TJ0347
003	\$98,350.00	\$49,057.65	\$49,292.35	20072008	C	26UJ000	404FB2D	n/a	4141		0826UJRR08
004	\$1,468,882.00	\$732,688.17	\$736,193.83	20082009	C	26T4000	404FB2DPV	n/a	4141		0826TG0893
005	\$1,542,735.00	\$122,915.61	\$1,419,819.39	20082009	C	26T4000	404FB2DPV	n/a	4141		0926TIX060

Document Activity:

Date	Ref Amount	Related Document	Direction	Date	Ref Amount	Related Document	Date	Ref Amount	Related Document
09/14/09	\$125,998.50	DA 09AS0413474	Forward						
08/18/09	\$125,026.18	DA 09AS0407798	Forward						
07/20/09	\$201,650.24	DA 09AS0401300	Forward						
06/12/09	\$111,580.76	DA 09AS0393435	Forward						
05/15/09	\$101,790.67	DA 09AS0387616	Forward						
04/10/09	\$140,375.90	DA 09AS0379394	Forward						
03/13/09	\$126,324.29	DA 09AS0373623	Forward						
03/05/09	\$1,542,735.00	RQ 0926TIX060	Back						
02/17/09	\$120,661.91	DA 09AS0368034	Forward						
01/12/09	\$118,901.06	DA 09AS0360751	Forward						
12/16/08	\$151,344.15	DA 09AS0356351	Forward						
11/14/08	\$126,013.39	DA 09AS0350141	Forward						
10/10/08	\$146,011.79	DA 09AS0343351	Forward						
09/12/08	\$128,417.63	DA 08AS0337612	Forward						
09/04/08	\$98,350.00	RQ 0826UJRR08	Back						
09/04/08	\$1,468,882.00	RQ 0826TG0893	Back						
08/18/08	\$163,037.02	DA 08AS0332733	Forward						
07/18/08	\$125,698.16	DA 08AS0327018	Forward						
06/13/08	\$160,120.39	DA 08AS0319735	Forward						
05/19/08	\$107,940.50	DA 08AS0313415	Forward						
04/11/08	\$116,992.17	DA 08AS0306147	Forward						
03/17/08	\$96,534.20	DA 08AS0300986	Forward						
02/25/08	\$114,934.39	DA 08AS0296735	Forward						
01/15/08	\$96,221.09	DA 08AS0287723	Forward						

12/14/07	\$109,354.89	DA 08AS0282189	Forward						
11/16/07	\$86,361.01	DA 08AS0276536	Forward						
10/15/07	\$115,918.32	DA 08AS0269638	Forward						
09/14/07	\$135,080.99	DA 07AS0264162	Forward						
08/22/07	\$146,942.60	DA 07AS0259666	Forward						
06/19/07	\$6,013.61	DA 07AS0246883	Forward						
06/07/07	\$3,094,908.00	RQ 07261J0347	Back						

[Warehouse Homepage](#)
[EPA @ Work Home | EPA Internet](#)
http://quarter.rtpnc.epa.gov/neis/grant_web.grant_result
 This web page was last updated on 03/10/2007.
 This data was last updated on 09/18/2009 14:02
 This page coordinated by: [Dee Hinson](#)

Substitute OMIS Information Sheet for Assistance

Recipient and Project Information

Project Title: Southern Center on Environmentally-Driven Disparities in Birth Outcomes
Institution: Duke University
EIN#: 560532129
Vehicle #: R833293
Principle Investigator: Marie Lynn Miranda
State: NC
Cong District: 04

Grants

Program Information

Type: Assistance Agreement
Subtype: Grant
Status: A
National Lab: NCER
Division: ESRD
Project Officer: Nigel Fields 202-343-9767 (8723F)
Work Site: Off Site
Approval Level: SRO
GAD Specialist: Joyce Blake
Business Size: Other
Select Method: Competitive
Peer Review: Yes

Budget Information

Project Period: 5 Years
Budget Period: 5 Years
Start Date: 12/01/2006
Completion Date: 11/30/2011
Program Results Code: 405FB2D
Task: 257
LT Goal: LTG-HH4
Special Programs: T10006
Annual Funding Needs:

Annual Budget

1 st Year	\$3,094,908
2 nd Year	\$0.00
3 rd Year	\$1,564,434
4 th Year	\$1,543,016
5 th Year	\$1,533,262

Total EPA Budget:	\$7,735,620
Total Cost Sharing:	\$0
Total Project Funding:	\$7,735,620
Total EPA Funding for this Action:	\$3,094,908